

## Certificate of Analysis

Date of Testing: 2025-05-22 13:59:08

Date of Next Testing: 2029-05-21 13:59:08

Product Name: **N-(2-Hydroxyethyl)ethylenediamine**

CAS Number: 111-41-1

Specifications & Purity:  $\geq 99\%$

Lot #: E2520145

SKU #: **H100512**

Version: **1**

Analysis #: **509280**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                             | Result                                   |
|-----------------------------------------|------------------------------------------|------------------------------------------|
| Refractive index n <sub>20</sub> /D     | 1.483-1.488                              | 1.49                                     |
| Purity(Titration by HClO <sub>4</sub> ) | 98.5-101.5 (%)                           | 99.52 %                                  |
| Density (20°C)                          | 1.028-1.033                              | 1.03                                     |
| Purity(GC)                              | 99-100 (%)                               | 99.69 %                                  |
| Appearance (H100512)                    | colorless to light yellow viscous liquid | colorless to light yellow viscous liquid |
| Infrared spectrum                       | Conforms to Structure                    | Conforms to Structure                    |



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